

Hi Monica!
Here are the
notes you mixed
- Mrs. L

QC #3

start

10 Km/h

22 Km/h

10x = 22(x-2)

10x = 22x - 44

-5x = 11x - 22

-11x - 11x

-6x = -22

$x = 3\frac{2}{3}$

| Rate | Time | Distance |
|----------|-------|----------|
| 10 Km/hr | x | 10x |
| 22 Km/hr | $x-2$ | 22(x-2) |

Let x = time the cars traveled

QC #4 Round Trip

Pro work

20 mph

40 mph

home

Classwork

#9-14

p. 163

hw - p. 164 # 15-18, 20-24, 27
due Tuesday in class

p. 165 # 28-42 Limit due Wed.

Quiz 3.4

1. Unit Rate $\frac{\$}{\text{oz}} = \frac{1.29}{12}$

$\frac{\$1.075}{\text{oz}}$
 $\$1.11/\text{oz}$
 $10.75 \text{ \$/oz}$

$\frac{.43}{4}$

$4 \overline{) 4.43}$

$\begin{array}{r} .1075 \\ 12 \overline{) 1.2900} \\ \underline{12} \\ 090 \\ \underline{84} \\ 60 \end{array}$

2. 65 mi/h

$$65 \frac{\text{mi}}{\text{h}} \times \frac{1 \text{ h}}{3600 \text{ s}} \times \frac{5280 \text{ ft}}{1 \text{ mi}}$$
$$\frac{65 (5280)}{3600} \rightarrow \frac{13 (22)}{3}$$
$$95 \frac{1}{3} \text{ ft/s}$$
$$\leftarrow 95 \frac{1}{3} = \frac{286}{3}$$

$$3. \quad \frac{c}{6} = \frac{12}{15}$$
$$\frac{c}{6} = \frac{4}{5}$$
$$5c = 24$$
$$c = \frac{24}{5}$$
$$c = \left(\frac{4}{5}\right)$$
$$4. \quad \frac{21}{12} = \frac{7}{y}$$
$$\frac{7}{4} = \frac{7}{y}$$
$$\frac{7y}{7} = \frac{7(4)}{7}$$
$$y = (4)$$

$$5. \quad \frac{3+x}{7} = \left(\frac{4}{8}\right)$$

$$\frac{(3+x)}{7} = \frac{1}{2}$$

$$7 = 2(3+x)$$

$$7 = 6 + 2x$$

$$1 = 2x$$

$$\left(\frac{1}{2}\right) x$$

$$6. \quad \frac{2+x}{x-4} = \frac{25}{35}$$

$$\frac{(2+x)}{(x-4)} = \frac{5}{7}$$

$$5(x-4) = 7(2+x)$$

$$5x - 20 = 14 + 7x$$

$$-20 = 14 + 2x$$

$$-34 = 2x$$

$$\left(\frac{-34}{2}\right) = x$$